

handler.java

```
1 import java.awt.FileDialog;
2 import java.awt.event.ActionEvent;
3 import java.awt.event.ActionListener;
4 import java.io.BufferedReader;
5 import java.io.FileOutputStream;
6 import java.io.FileReader;
7 import java.io.PrintWriter;
8
9 import javax.swing.JFrame;
10 import javax.swing.JTextArea;
11
12
13 public class handler implements ActionListener{
14     JTextArea tal ;
15
16     public handler(JTextArea ta) {
17         // TODO Auto-generated constructor stub
18         tal = ta ;
19     }
20
21     @Override
22     public void actionPerformed(ActionEvent e) {
23         // TODO Auto-generated method stub
24         FileDialog openFileDialog;
25         String filePathAndName;
26         PrintWriter printWriter;
27
28         switch (e.getActionCommand()) {
29             case "Save":
30                 openFileDialog = new FileDialog(new JFrame(), "Save File Dialog",
31 FileDialog.SAVE);
32                 openFileDialog.setVisible(true);
33                 filePathAndName = openFileDialog.getDirectory() +
34 openFileDialog.getFile();
35
36                 try {
37                     printWriter = new PrintWriter(new
38 FileOutputStream(filePathAndName), true);
39                     printWriter.println(tal.getText());
40                     printWriter.flush();
41                     printWriter.close();
42                 }
43                 catch (Exception ex) {
44                     System.err.println("LineWriter can't use output file: " +
45 filePathAndName);
46                 }
47                 break ;
48
49             case "Load":
50                 openFileDialog = new FileDialog(new JFrame(), "Load File Dialog",
51 FileDialog.LOAD);
52                 openFileDialog.setVisible(true);
53                 filePathAndName = openFileDialog.getDirectory() +
54 openFileDialog.getFile();
55
56                 try{
57                     tal.setText(null);
58                     FileReader fileReader = new FileReader(filePathAndName);
59                     BufferedReader lineReader = new BufferedReader(fileReader);
```

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```
54         System.out.println("You have selected "+ filePathAndName);
55
56         String s;
57         while ((s= lineReader.readLine())!= null) {
58             tal.append(s);
59         }
60         lineReader.close();
61     } catch (Exception ex) {
62         ex.printStackTrace();
63     }
64     break;
65     case "Reset":
66         tal.setText (null);
67         break;
68     case "Exit":
69         System.exit(0);
70         break;
71 }
72
73 }
74
75 }
76
```